

Adapting to Rising Tides Bay Area



Metropolitan
Transportation
Commission



Bay Area
**Regional
Collaborative**



company and
to Bay Area

Figure: PG&E and USGS

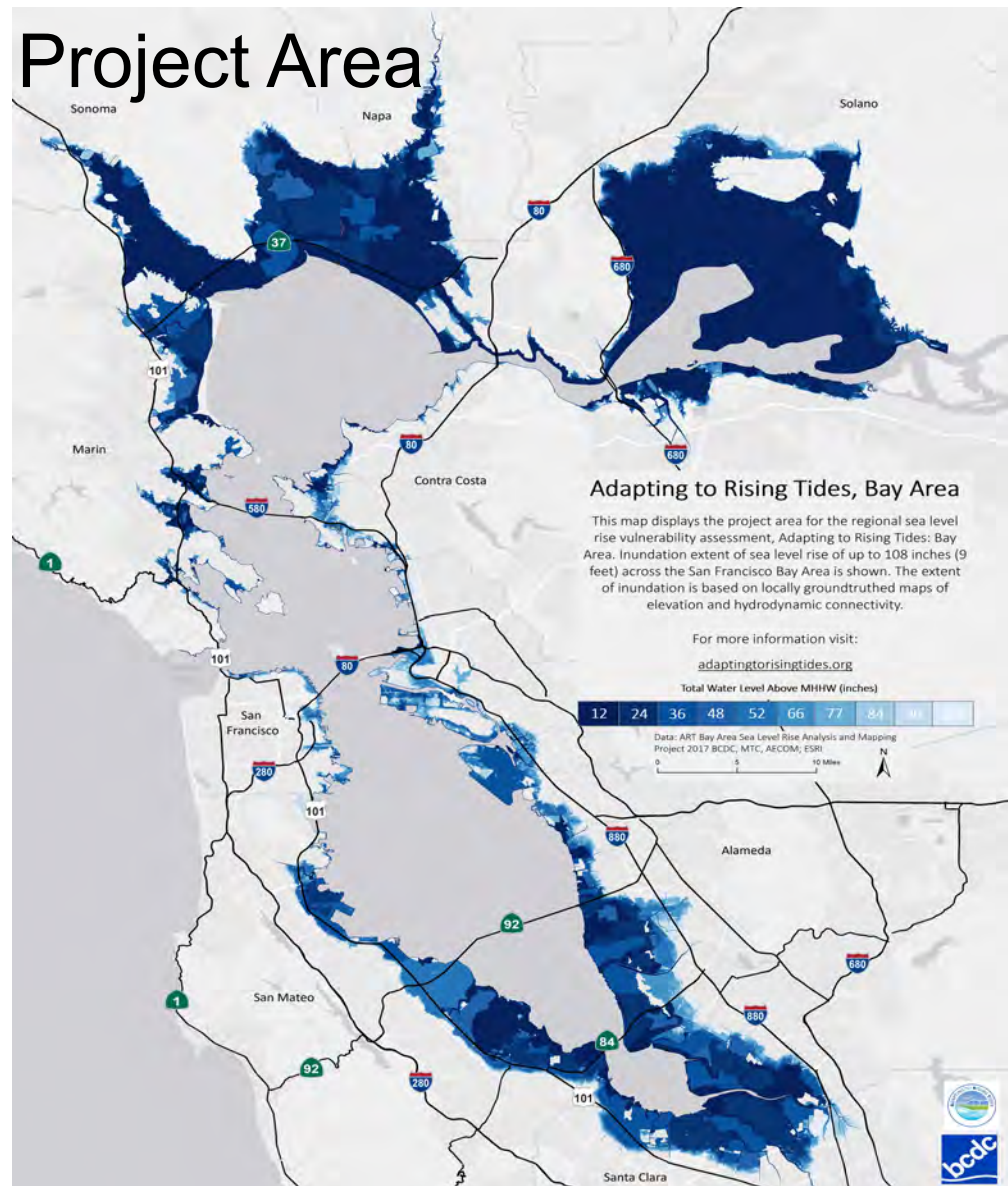
Terminology!

- ART = the Adapting to Rising Tides program
- ART projects = rising sea level vulnerability and adaptation projects, usually at county or asset scale
- ART Bay Area = interagency ART project for the entire Bay region, focusing on particular assets of regional significance

Today's
talk

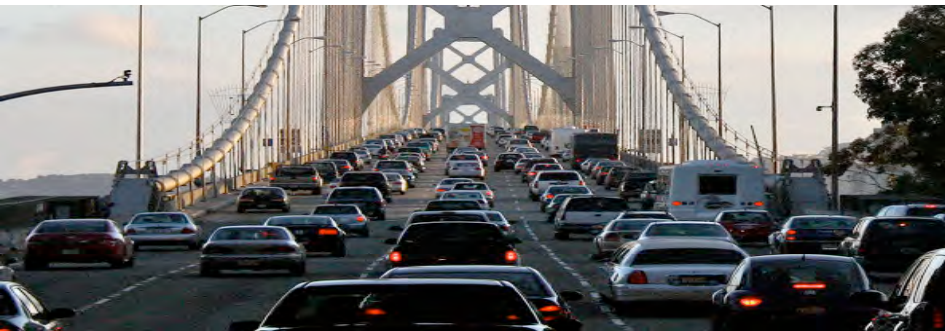
Project motivation

- Caltrans Sustainable Transportation Planning Grant
- Recognizing the need to:
 - plan for rising sea level and it's impacts upon transportation infrastructure
 - build upon Plan Bay Area
 - plan holistically and understand regional connections



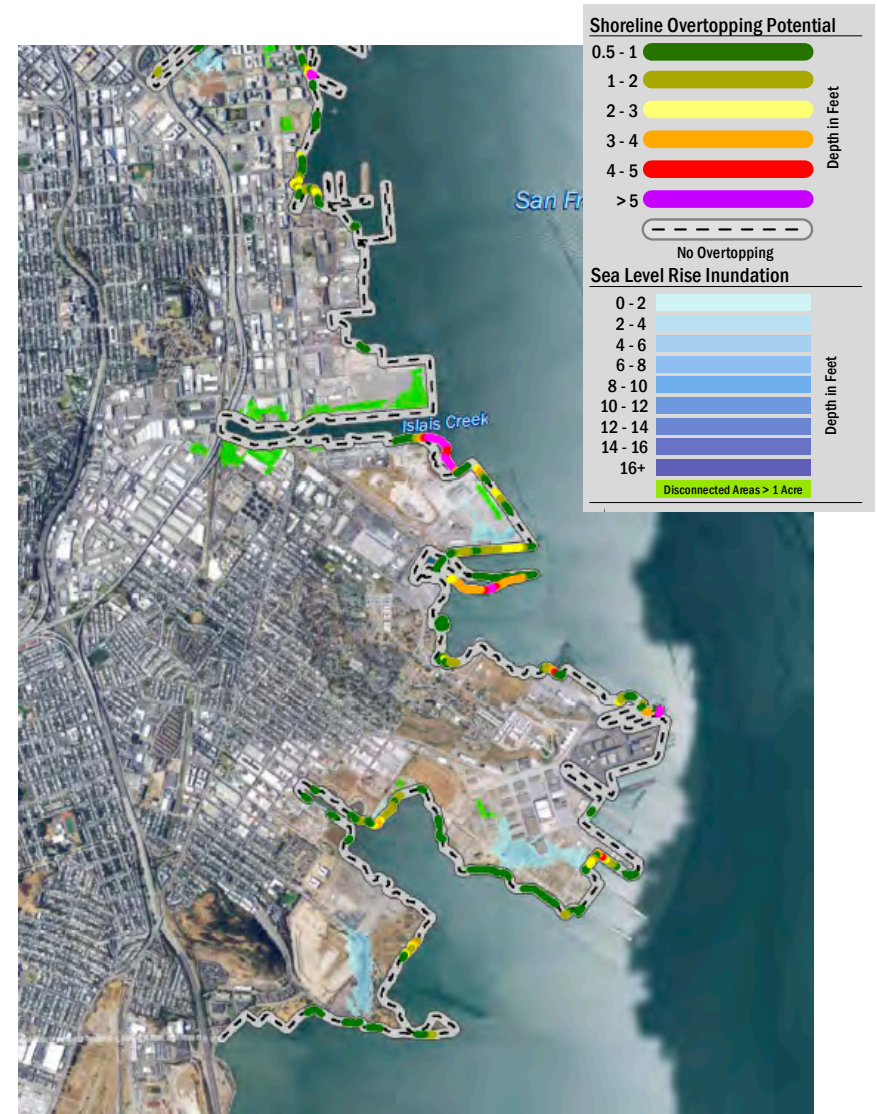
Project Partners

- Agency staff
 - Caltrans (funder, along with BATA)
 - MTC (grant recipient)
 - BARC (project manager)
 - BCDC ART team
- Consultant team
 - AECOM
 - Natural Capital
- Stakeholders
 - Regional Working Group – 12 meetings
 - Public – 7+ meetings



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ART Bay Area Project

Transportation infrastructure



Priority Development Areas (PDAs)



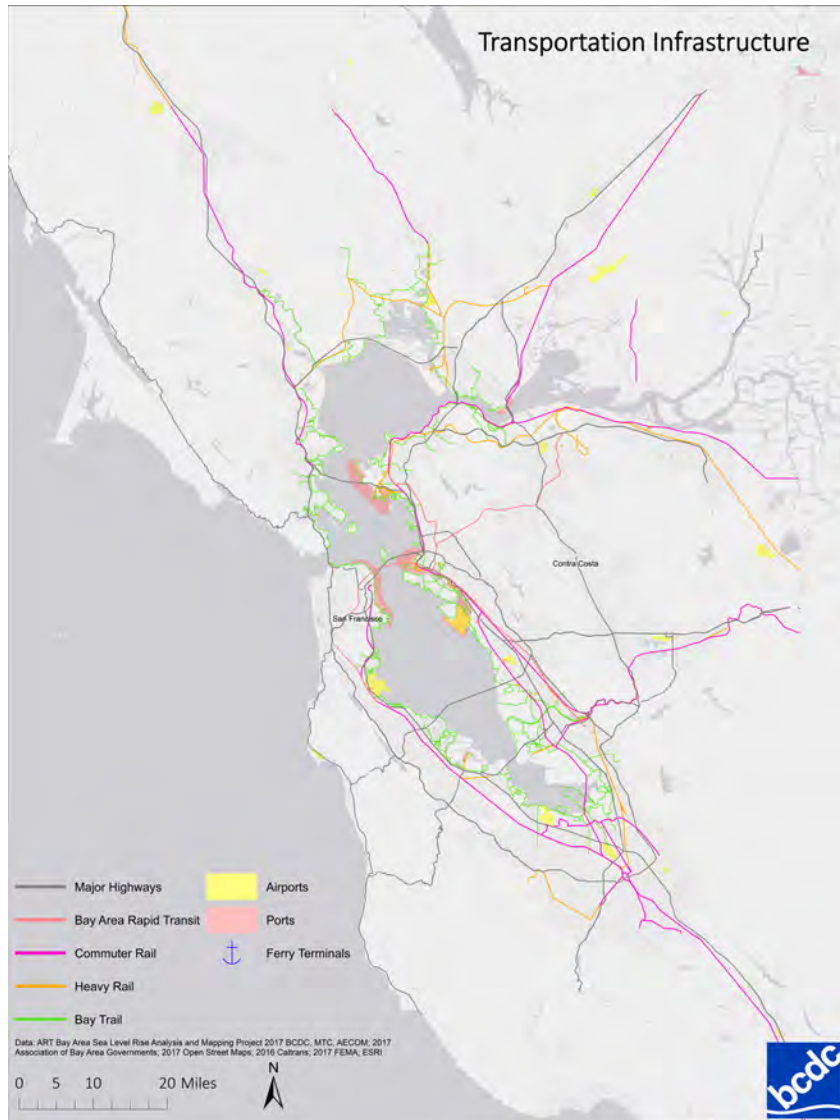
Disadvantaged Communities



Priority Conservation Areas (PCAs)



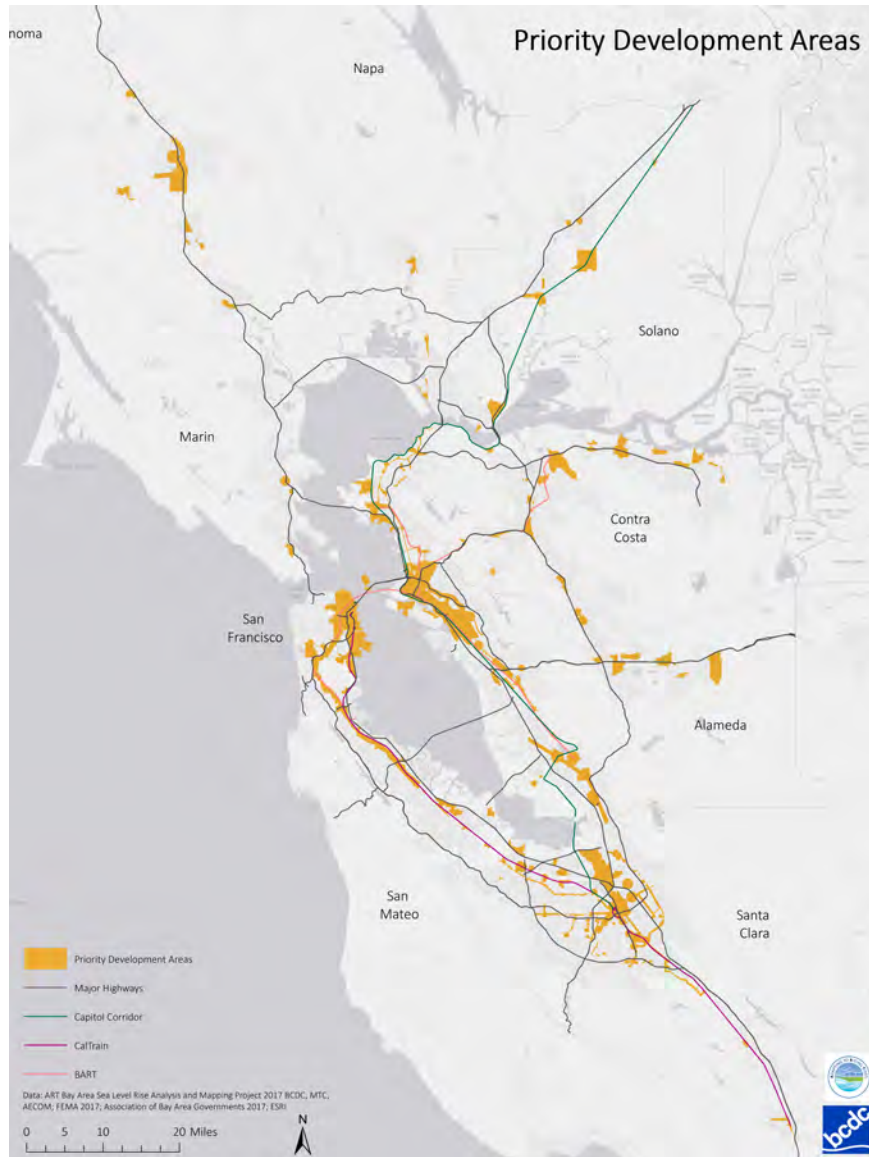
Transportation



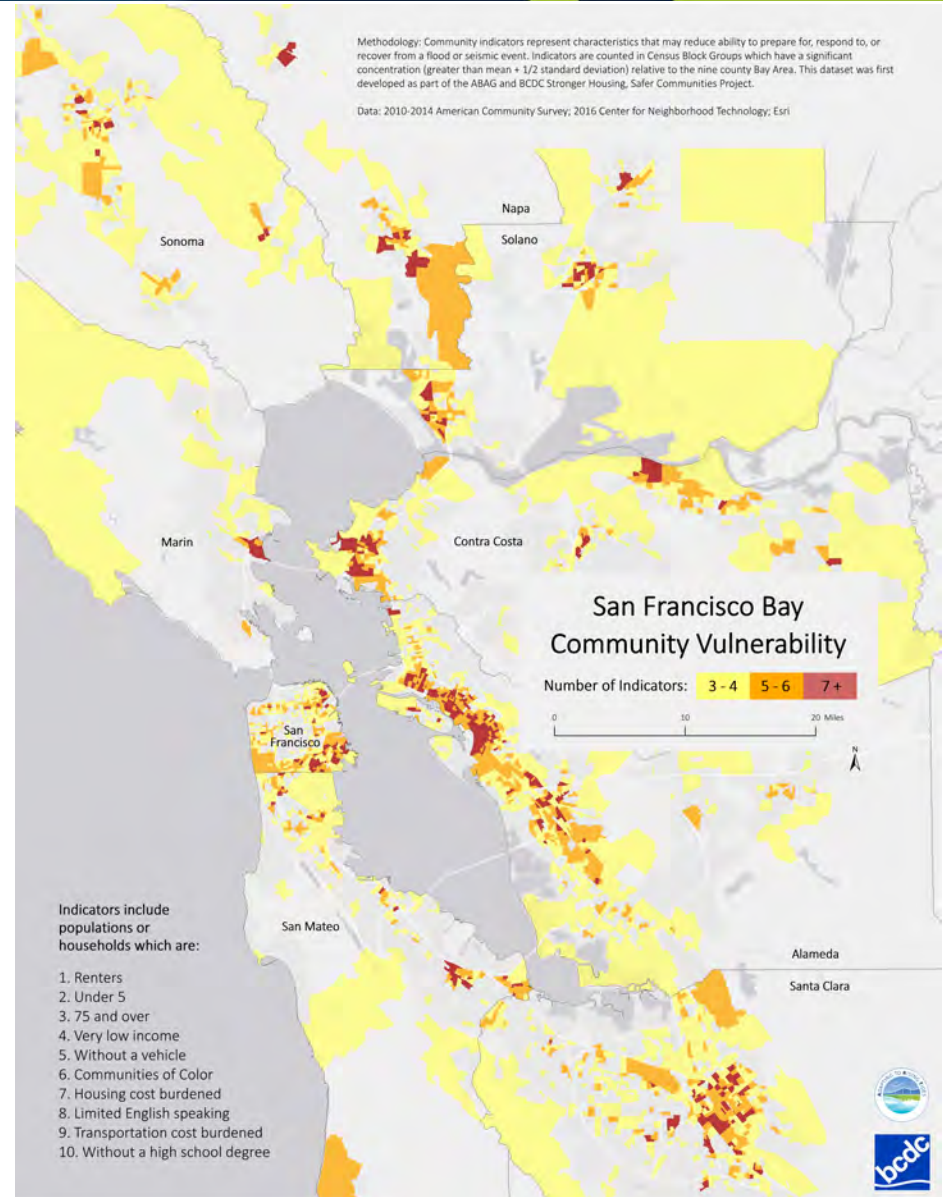
Priority Conservation Areas (PCA)



Priority Development Areas (PDA)



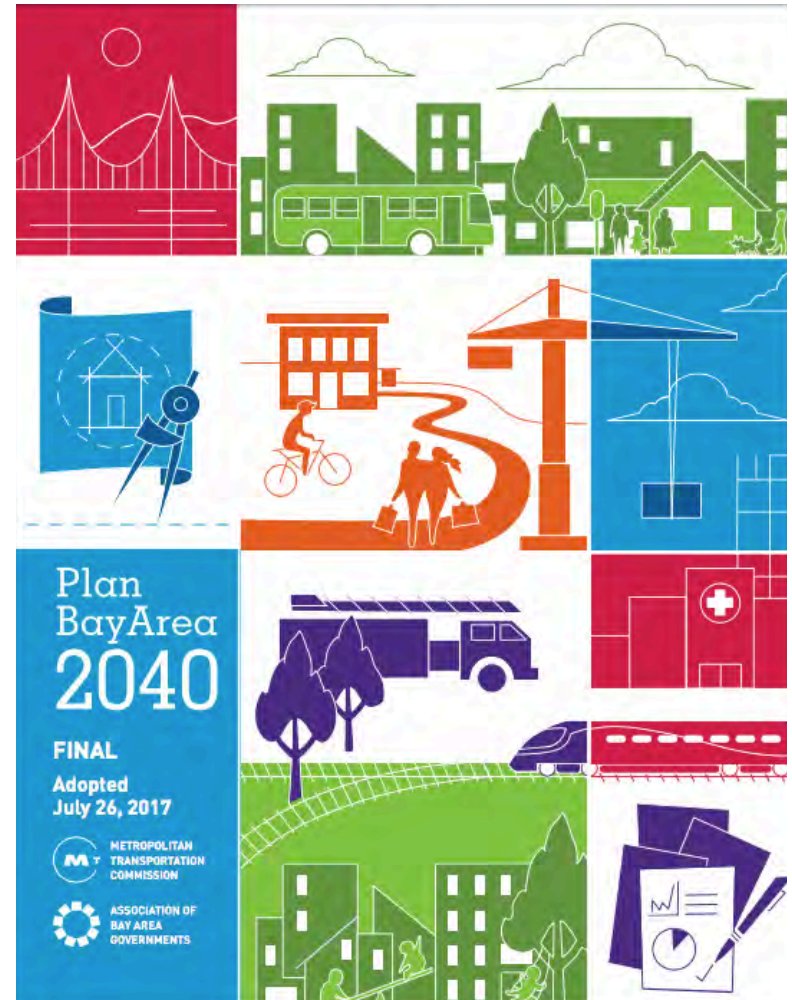
Disadvantaged Communities



Collaboration

- Leverage completed/ongoing projects, e.g.,
- Marin BayWAVE
 - Sea Change San Mateo
 - San Francisco SLR Action Plan
 - Silicon Valley 2.0 - Santa Clara
 - Coastal Conservancy's Climate Programs
 - Baylands Ecosystem Habitat Goals Update

RESILIENT
BAY AREA CHALLENGE **BY**
DESIGN



Project Timeline

Project Initiation – Fall 2017



Project Scoping – Fall/Winter 2017



Conduct Assessment – Fall/Spring 2017-18



Determine Assessment Outcomes – Summer/Fall 2018



Transition to Adaptation – Fall 2018



Develop Adaptation Responses – Fall/Winter 2018-19



Finalize Indicators and Framework – Winter/Spring 2019



Evaluate and Prioritize Adaptation Responses and Identify Opportunities for Implementation – Spring/Summer 2019



Working Group Meeting



Individual or small group meetings



Public meetings

ART Bay Area Outcomes

- ✓ Suite of strategies, prioritized for funding
- ✓ Framework for conducting future studies
- ✓ Groundwork to inform a Regional Adaptation Plan
- ✓ An informed and engaged network



Oct 16 Policy Recommendations

Adopted recommendations include:

- Regional Adaptation Plan
- County-level ART projects
- Regionally significant assets
- Regional education campaign
- Regional data repositories
- Financing the Future



Thank you!

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